

UNIT 10 Remedial Packet

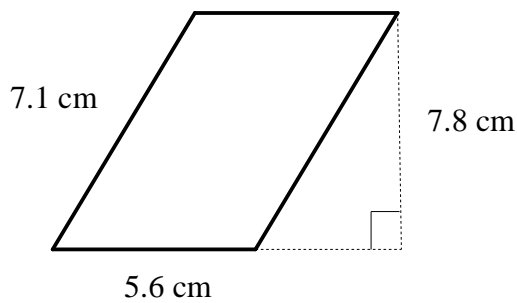
You will need to show this completed and corrected packet to your teacher in order to retake the test. Please get help where you need it!

TARGET A-C

1. A **parallelogram** has a base of 18 in. Its **area** is 306 in^2 . Find the height?

height = _____

2. Find the **area** and **perimeter** of the **parallelogram** shown.



Area _____

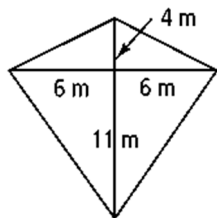
Perimeter _____

3. A square has an area of 289 mm^2 . Find the length of one side of the square.

Side _____

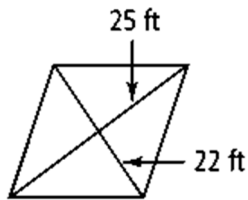
TARGET D & E

4. Find the area of the kite



Area _____

5. Find the area of the rhombus



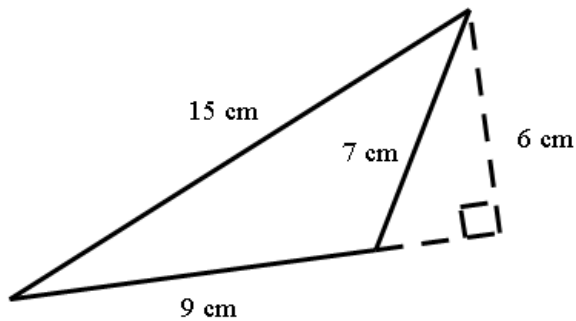
Area _____

6. The area of a kite is 228 ft^2 . If one of the diagonals is 19 ft, find the length of the other diagonal

Diagonal _____

TARGET F

7. Find the **area** and the **perimeter** of the **triangle** shown.



Area _____

Perimeter _____

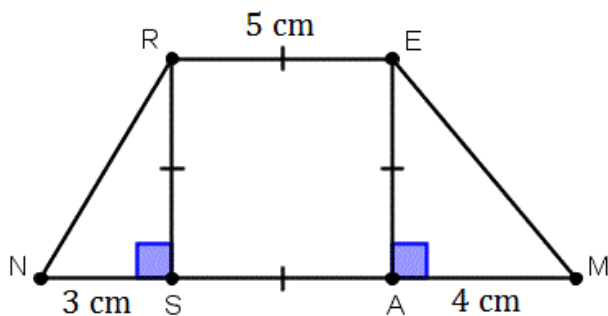
8. Find the **area of an equilateral triangle** with side 14 m.

Perimeter _____

Area: _____

TARGET G

9. Find the **area of the trapezoid**.



Area _____

10. The area of a trapezoid is 188.5 cm^2 . If the height is 13 cm and the shorter base is 12 cm, find the length of the longer base.

Longer base _____

TARGET H

11. Find the area of a regular octagon with perimeter 50ft and apothem 15.4ft.

Area: _____

12. Find the area of a regular heptagon with apothem 8.31 in and side 8 in.

Perimeter _____

Area: _____

13. Find the area of a regular hexagon with side 12 cm.

Area: _____

TARGET I

14. Find the *area and circumference of a circle with diameter of 14 in*. Leave your answer in terms of π .

Area _____

Circumference _____

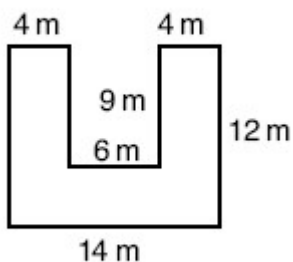
15. Find the area & circumference of a circle with a radius of 7.23 mm. Round to the hundredths.

Area _____

Circumference _____

TARGET J

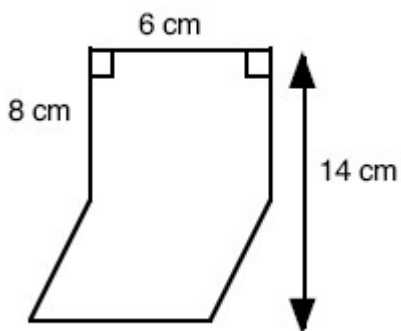
16. Find the following for the given composite figure.



Area = _____

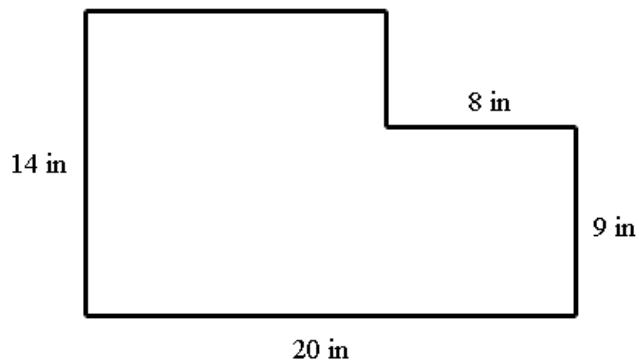
Perimeter = _____

17. Find the following for the given composite figure.



Area = _____

18. Find the **perimeter and the area** of the figure sketched below. All measures are in inches.



Area _____

Perimeter _____

19. Find the geometric probability that a point chosen at random lies in the shaded area.
The radius has a length of 5.66

